

1. In spinal arthroplasty, the improvement comprising:  
2 one or more bio-resorbable components to hold a vertebrae and a prosthetic or  
2 natural arthroplasty device in place until soft tissues surrounding the spine heal.
2. The improvement of claim 1, wherein the components include a rod, plate,  
2 screw, or a combination thereof.
3. The improvement of claim 1, wherein the bio-resorbable components  
2 facilitate a limited degree of motion or mobility during or after healing.
4. The improvement of claim 3, wherein the limited degree of motion or  
2 mobility is controlled by the flexibility of the bioresorbable components.
5. The improvement of claim 4, wherein the flexibility of the components is  
2 due in part to the modulus of elasticity of the bioresorbable components.
6. The improvement of claim 4, wherein the flexibility of the components is  
2 due in part to the thickness or other physical attribute of the bioresorbable components.
7. The improvement of claim 3, wherein the limited degree of motion or  
2 mobility is controlled by the rate of resorbtion of the components.
8. The improvement of claim 1, wherein the arthroplasty device includes  
2 allograft.